Tamara Tal

List of Publications by Year
in descending order

35 papers	1,462 citations	304602 22 h-index	377752 34 g-index
39 all docs	39 docs citations	39 times ranked	2145 citing authors

#	Article	IF	Citations
1	Evaluation of Developmental Toxicity, Developmental Neurotoxicity, and Tissue Dose in Zebrafish Exposed to GenX and Other PFAS. Environmental Health Perspectives, 2020, 128, 47005.	2.8	206
2	Designing endocrine disruption out of the next generation of chemicals. Green Chemistry, 2013, 15, 181-198.	4.6	123
3	Microbial colonization is required for normal neurobehavioral development in zebrafish. Scientific Reports, 2017, 7, 11244.	1.6	91
4	MicroRNAs control neurobehavioral development and function in zebrafish. FASEB Journal, 2012, 26, 1452-1461.	0.2	74
5	Molecular Signaling Networks That Choreograph Epimorphic Fin Regeneration in Zebrafish â€“ A Mini-Review. Gerontology, 2010, 56, 231-240.	1.4	63
6	Host Developmental Toxicity of BPA and BPA Alternatives Is Inversely Related to Microbiota Disruption in Zebrafish. Toxicological Sciences, 2019, 167, 468-483.	1.4	62
7	Inhibition of protein tyrosine phosphatase activity mediates epidermal growth factor receptor signaling in human airway epithelial cells exposed to Zn2+. Toxicology and Applied Pharmacology, 2006, 214, 16-23.	1.3	61
8	Diesel exhaust particulate-induced activation of Stat3 requires activities of EGFR and Src in airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L422-L429.	1.3	59
9	Differential transcriptional regulation of IL-8 expression by human airway epithelial cells exposed to diesel exhaust particles. Toxicology and Applied Pharmacology, 2010, 243, 46-54.	1.3	59
10	Early life perfluorooctanesulphonic acid (PFOS) exposure impairs zebrafish organogenesis. Aquatic Toxicology, 2014, 150, 124-132.	1.9	53
11	Non-coding RNAsâ€”Novel targets in neurotoxicity. NeuroToxicology, 2012, 33, 530-544.	1.4	50
12	Advancing toxicology research using in vivo high throughput toxicology with small fish models. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 435-452.	0.9	48
13	New approach methodologies for exposure science. Current Opinion in Toxicology, 2019, 15, 76-92.	2.6	46
14	Characterizing sources of variability in zebrafish embryo screening protocols. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 103-120.	0.9	38
15	Exploring interactions between xenobiotics, microbiota, and neurotoxicity in zebrafish. NeuroToxicology, 2020, 76, 235-244.	1.4	37
16	HumanMetagenomeDB: a public repository of curated and standardized metadata for human metagenomes. Nucleic Acids Research, 2021, 49, D743-D750.	6.5	37
17	Screening for angiogenic inhibitors in zebrafish to evaluate a predictive model for developmental vascular toxicity. Reproductive Toxicology, 2017, 70, 70-81.	1.3	36
18	Integration of Life-Stage Physiologically Based Pharmacokinetic Models with Adverse Outcome Pathways and Environmental Exposure Models to Screen for Environmental Hazards. Toxicological Sciences, 2016, 152, 230-243.	1.4	35

#	Article	IF	Citations
19	Translational toxicology in zebrafish. Current Opinion in Toxicology, 2020, 23-24, 56-66.	2.6	33
20	Toxicological Disruption of Signaling Homeostasis: Tyrosine Phosphatases as Targets. Annual Review of Pharmacology and Toxicology, 2010, 50, 215-235.	4.2	32
21	Zn2+-induced NF-Î²B-dependent transcriptional activity involves site-specific p65/RelA phosphorylation. Cellular Signalling, 2007, 19, 538-546.	1.7	27
22	Immediate and long-term consequences of vascular toxicity during zebrafish development. Reproductive Toxicology, 2014, 48, 51-61.	1.3	24
23	Microbiota alter metabolism and mediate neurodevelopmental toxicity of 17Î²-estradiol. Scientific Reports, 2019, 9, 7064.	1.6	23
24	Bioinformatics resource manager v2.3: an integrated software environment for systems biology with microRNA and cross-species analysis tools. BMC Bioinformatics, 2012, 13, 311.	1.2	21
25	Epidermal growth factor receptor activation by diesel particles is mediated by tyrosine phosphatase inhibition. Toxicology and Applied Pharmacology, 2008, 233, 382-388.	1.3	18
26	Identification of vascular disruptor compounds by analysis in zebrafish embryos and mouse embryonic endothelial cells. Reproductive Toxicology, 2017, 70, 60-69.	1.3	17
27	Triclosan-Selected Host-Associated Microbiota Perform Xenobiotic Biotransformations in Larval Zebrafish. Toxicological Sciences, 2019, 172, 109-122.	1.4	17
28	Using Zebrafish to Investigate Interactions Between Xenobiotics and Microbiota. Current Pharmacology Reports, 2019, 5, 468-480.	1.5	17
29	Invited Perspective: PFAS Bioconcentration and Biotransformation in Early Life Stage Zebrafish and Its Implications for Human Health Protection. Environmental Health Perspectives, 2021, 129, 71304.	2.8	15
30	Nanodiamond particles induce I1-8 expression through a transcript stabilization mechanism in human airway epithelial cells. Nanotoxicology, 2009, 3, 152-160.	1.6	13
31	Retinoic acidâ€dependent regulation of miRâ€19 expression elicits vertebrate axis defects. FASEB Journal, 2013, 27, 4866-4876.	0.2	11
32	Monoassociation with bacterial isolates reveals the role of colonization, community complexity and abundance on locomotor behavior in larval zebrafish. Animal Microbiome, 2021, 3, 12.	1.5	10
33	Development of a Zebrafish S1500+ Sentinel Gene Set for High-Throughput Transcriptomics. Zebrafish, 2019, 16, 331-347.	0.5	5
34	Characterizing sources of variability in zebrafish embryo screening protocols_suppl. ALTEX: Alternatives To Animal Experimentation, 2019, 36, .	0.9	1
35	Introduction to leveraging non-mammalian models for developmental neurotoxicity testing. Neurotoxicology and Teratology, 2021, 87, 107001.	1.2	0